

FOLIO

THE UNIVERSITY OF ALBERTA STAFF BULLETIN

EDMONTON 7, ALBERTA

JUNE 5, 1969

UNIVERSITY FAMILY CONTRIBUTIONS INCREASING

The University Family Committee of the Capital Fund Campaign reports that the contributions from the University Family have reached a total of more than \$200,000. No objective for this part of the campaign has been set, as there is no historical precedent to act as a guide. Approximately 300 of the 1,100 faculty members, or nearly 30%, have made contributions, and it is hoped that more faculty members will pledge one per cent of their incomes for the next five years.

The University Family contributions break down as follows:

The Board of Governors	\$ 34,750
The Senate	\$ 5,700
The Academic Staff	\$152,436
The Non-Academic Staff	\$ 9,309
Students	\$ 200
Total, as of May 30	\$202,395

BOARD COMMITTEE ON SUPPLEMENTARY REMUNERATION

The Board of Governors has constituted an *ad hoc* committee to advise the Board on policy governing business activities, other than private investments, or employment beyond the normal responsibilities to the University of any full-time member of the academic staff.

The members of the *ad hoc* Committee of the Board of Governors on Supplementary Remuneration and Income are the following:

JUDGE B. C. WHITTAKER, Chairman
H. T. COUTTS, Dean of Education
JAN DE JONG, representing the Graduate Students' Association
Mrs. D. MC CULLOCH
L. MAYNARD
D. G. TYNDALL, Vice-President for Finance and Administration.

The Committee will receive written submissions on the matter from the University community, and will conduct hearings.

Requests for submissions will be sent to the Senate, the General Faculty Council, the Association of Academic Staff at The University of Alberta, the Students' Union, the Graduate Students' Association, and the Alumni Association. Requests will also be

sent to deans, directors, and department chairmen. A series of notices in FOLIO will be used to draw the attention of other interested faculty members.

The Committee is not constituted to deal with complaints against individuals who may be doing additional work outside the University.

Written submissions are requested by September 15, 1969. These submissions should be forwarded to JOHN NICOL, Secretary to the Board of Governors, Room 301, University Hall. Ten copies of each submission are requested.

BRIEFS REQUESTED

A committee of the General Faculty Council has been established to make recommendations to the Council concerning policy on the operations of the Security Police on the campus. This committee requests that interested individuals, groups, or organizations submit written briefs concerning security services on the University campus.

A meeting of the committee to consider briefs will be held on Thursday, June 26.

Briefs may be submitted to Dr. v. GOURISHANKAR, Room 248e, Department of Electrical Engineering.

Seven speak at Spring Convocation

In the course of the four-day Spring Convocation, addresses were delivered by the President of the University, the three Vice-Presidents, and three of the recipients of honorary degrees. Excerpts from these speeches follow.

DR. JOHNS

In delivering his last Report to Convocation, on Tuesday, May 27, WALTER H. JOHNS, President of the University, discussed the achievements of the past year, the problems now facing the University, and the prospects for the future.

A dual role has fallen to my lot today, and I shall seek to combine my usual report to Convocation with the Convocation address ordinarily delivered by one of our distinguished visitors. . . .

It is a great pleasure to report that your University is thriving and is growing in stature and reputation, as well as in size. No institution such as ours would ever admit that it received in revenue all the financial support it requires for either operating or capital purposes. I feel compelled to admit, however, that our operating grant for the current fiscal year should meet our most urgent needs, and we are grateful to the Alberta Universities Commission and the provincial Government for the support they plan to make available to us. . . .

In the area of capital expenditures, on the other hand, we face a problem of serious magnitude. The phenomenal growth in student numbers in recent years has left The University of Alberta short a million square feet of space this past year, and unless a sharp increase in the rate of construction takes place, we expect to be two million square feet short in four years' time. . . . The other two universities in the province have their problems of growth as well, though on a more modest scale.

Two years ago the provincial Government was made aware of the situation as we saw it then, and pledged \$185,000,000 in capital expenditures over the period 1967 to 1972. Last year it became clear that even these heroic measures would be inadequate, and the decision was made to embark on a national fund raising campaign.

. . . In the interests of the students who will expect to carry on their studies here in the 1970's, we cannot allow the campaign to fail.

It has been an eventful year. . . . New doctoral programs have been approved in such widely diverse fields as Meteorology, Classics, and Surgery, and a master's program has been approved in Hospital Pharmacy. Nearly every department continues to broaden and deepen its offerings. . . .

Students who come to University today . . .

have a greater sense of urgency than their predecessors and are less inclined to tolerate a curriculum that does not appear relevant, or an instructor who is less than dedicated to his area of study or to his students. In this connection, the students have arranged for the publication of a course guide which, indirectly, permits instructors to see themselves as their students see them, and the faculty have agreed to look into the whole problem of effectiveness in teaching. The students have claimed as their right a voice in the decision-making processes of the University, and have met with a ready response on the part of the faculty and the Board of Governors. As a result, there have been three student members with full voting powers on the General Faculty Council this past year, and others on the councils of individual faculties and schools. The Board of Governors has welcomed two students to its meetings this year as consultants. . . .

Another innovation has been the opening of meetings of the General Faculty Council and the Senate to the press and the public. . . .

Every university these days seems to have tenure problems of one kind or another, and I am sorry to report that we were no exception. . . .

In spite of a few difficulties of the kind I have mentioned, we have been able to carry out effectively an educational program for over fifteen thousand students, with the help of over one thousand full-time faculty, hundreds of part-time staff and graduate teaching assistants, and a multitude of support staff.

We face the future with a confidence buttressed by the careful long-range planning of many faculty and administrative officers.

One final point which I should like to make in this report is the resurgence of interest in our alumni branches. It has been my privilege and pleasure over the past few months to visit with alumni of The University of Alberta. . . .

Everywhere I went I found a keen interest in the University and its affairs, and a willingness to retain strong ties with the University and strong support of their *alma mater*. I hope this interest will not only be reflected in our capital fund raising campaign, but also in the continued strength of our branches across Canada.

I should like now to turn to four general matters appropriate to the Convocation address.

No one can be unaware that universities today are facing problems which are unique in the past century. . . .

We may have been free of troubles here,

but as part of the international academic community, we cannot ignore the troubles that our sister institutions have had, nor the implications these troubles may have for our own situation here in the Province of Alberta.

The question has frequently been asked: "What do the students today want, anyway?" . . . We can say that one of their first demands is for more "relevance" in their courses. There is, I believe, little criticism of the programs offered in most professional faculties. . . .

The problem of relevance is most acute today in the social sciences, and for obvious reasons. The students in these disciplines are the ones who are most concerned about the problems of the world around them . . . and who, with the sense of urgency so characteristic of youth, look for immediate answers with a degree of impatience that is understandable, but often difficult to cope with.

A university is a place where the search for truth goes on unrelentingly, and where the obvious is not necessarily accepted as the true. It is a place where intellectual development must take place, and where objectivity must prevail. It is a place where values must be rigorously tested, and where the gold is retained and the dross cast aside. Students may have much to offer in consideration of what is true gold and what is only "fool's gold," but the probability is that their professors can discriminate between the two more surely than they.

The complaints of students have had many good results, not the least of which is the introduction of more flexibility into programs leading to degrees. Students today are permitted a wide range of options provided they can demonstrate to their faculty adviser or their dean that their objective is sound, and their proposals for achieving it are rational and wise. . . .

Our biggest problem in universities today comes from the impression left among the public at large that universities are filled with hot-heads and radicals, whose only objective is the destruction of organized society and the creation of anarchy both on the campus and off it. We must remember that the students who have these views and objectives are very few in number, but we cannot be unaware of their presence. . . .

I should like to conclude on a note of optimism, and to say that "it is always darkest just before the dawn." The darkness is all around us, but the dawn must be near at hand. . . .

I wish also to say a special word of welcome to our honored guest today—Mr. Kerry

Wood of Red Deer. He has spoken to us in his works of the wonders and glories of nature around us, and has placed us forever in his debt. . . .

Finally, I should like to express publicly my pleasure at the appointment of my successor, and to wish him well. I know Dr. Wyman well—indeed, I have known him for many years—and can say with confidence that the University will be in good hands when he assumes the Presidency this fall. . . .

DR. WORTH

WALTER H. WORTH, *Vice-President for Campus Planning and Development*, addressed Part II of the Spring Convocation on Wednesday, May 28. In his address, Dr. Worth viewed the university as an organism adapting to its changing environment and illustrated his thesis with examples from The University of Alberta.

The university, as a social institution, is the product of a particular kind of nature and nurture—nature as represented by tradition, by a self-inherited pattern; nurture by the influence of contemporary social thought. The university has survived for centuries because it has been able to adapt itself to the environment of each age and yet, at the same time, preserve sufficient of its traditional pattern so as not to lose its identity. The constant interaction between nature and nurture gives rise to a continuing search within the university community for a kind of progressive institutional balance. In this search it is not always easy to discriminate between those features in a university which should be stable and enduring despite social change, and those features which are unstable and unsuited to its function in the modern world. It is possible, however, to interpret some of the developments during the past year in the faculties and school represented at this Convocation—Education, Library Science, and Physical Education—as illustrative or symptomatic of the process of adaptation in this University.

The process of adaptation in Education, Physical Education, and Library Science, and throughout the entire University, has serious implications for our building and space requirements. In an effort to meet these requirements we are attempting to maintain an active planning and construction program. . . .

Considerable attention has also been given to the preparation of long range plans. The first report on a long range development plan for the main campus and the North Garneau area will be released in a matter of days. It will be closely articulated with

the conceptual plan for the University components of the Health Sciences Centre which was completed earlier in the year. . . .

The accelerating growth and development of the three Alberta universities has created a greater dependence on the public purse. This development coincides with an increase in the expression of opinions and value preferences by both faculty and students which at times have little appeal to the man in the street who is the major patron of learning. And the man in the street is very powerful. . . .

Obviously, the way to ensure autonomy without independence is to secure the confidence of the public and its agents. And the way to secure this confidence is for the university to show a strong sense of responsibility to society. This is not easily done. For the university's function is to give society not what it wants, but what it needs; and the two do not always coincide. For example, one of the enduring features of a university is the encouragement of free thought, thought which is not necessarily concerned with social and economic consequences, thought uninhibited by the responsibility for action. Often this kind of thinking is considered dangerous. It challenges accepted ideas and threatens vested interests. Such thinking may well make the taxpayer at first resentful and eventually hostile to the university. Yet it has to go on. To halt it would be to destroy the university.

There is little reason to believe that the current imbalances and tensions in universities which are the partial by-products of incomplete adaptation are likely to be overcome soon. Nor is it entirely clear that it would be to the advantage of the universities and of society if it were. Painful and disturbing as the present unsettled period may be for those who live in the university community and for its public, the discussion and action which it generates will help to clarify the mission of the universities and to enlist broad support for it. In turn, Eminent Chancellor, this should improve the prospects for individuality and self-fulfillment of the graduates in Education, Library Science, and Physical Education who will soon be presented to you for their degrees.

DR. MORTON

ELIZABETH HOMER MORTON, former Executive Director of the Canadian Library Association, received an honorary Doctor of Laws degree at Part II of Convocation. In her address, she viewed Canada through the eyes of a librarian.

In his book *On Education* Sir Richard Livingston reiterates the importance of a vision of greatness. We each have our own vision of greatness for Canada. We would agree that it should be a nation with universal education, supported by universal library service, an active program of the arts, letters and sciences, and a dynamic publishing organization, all prepared to disseminate knowledge by every means available—books, periodicals, films, audio-visual media, tapes, microfilms, numbers, dots, dashes, electric current in wires and electromagnetic vectors, all under wise and imaginative leadership. For this leadership we look to the universities.

For example, today is a milestone in the annals of librarianship when this University awards for the first time the degree of Bachelor of Library Science to 42 graduates. The library profession and particularly those members in Manitoba, Saskatchewan, Alberta, the Yukon, and the Northwest Territories hope that not only will your graduates fill 42 of the many vacant professional positions but, knowing the excellence of your faculty, it expects that these graduates will have developed leadership calibre which will accelerate universal education and the organization of information and recreation in every school, college, university, public, government, and special library. . . .

Sixty per cent of Canada has library service of some sort. Forty per cent awaits community initiative to organize.

How can individuals assist in increasing the store of information in our kingdom so that we may all grow in knowledge and wisdom?

In his first year the new graduate should (1) follow a program of reading newspapers, periodicals, books, viewing films, etc.; (2) use the library services at his command and arrange for interlibrary loans if the material needed is not locally available; (3) start writing "things seen" so that he improves his powers of communication; (4) collect anecdotes of pioneers, letters, documents of his locality and his profession; (5) scan the government documents of his province, nation, and of international organizations such as UNESCO, the United Nations, etc.; (6) serve on organizations to get a wide view and toward the day when he may be a representative on a national board; for example, in the field of recreation there is the National Advisory Council on Fitness and Amateur Sports, in education, the various Canadian educational associations, in librarianship the CLA and the National Library Advisory Council.

DR. TYNDALL

At Part III of Spring Convocation, on Thursday, May 29, D. G. TYNDALL, Vice-President for Finance and Administration, gave the Report to Convocation.

Those who were present during Parts I and II of this Convocation heard reports on the University from President Johns and from Dr. Worth. This afternoon it is my turn, and since my responsibilities are in the fields of finance and administration, my main emphasis will be in those areas. But first a few more general comments on the past year, and on our present position.

1968-69 has been a year of achievement and of joy in that achievement, but it has also been a year of concern, and finally a year of sadness. Sadness at the fact that President Johns has found it necessary to resign the office which he has filled so successfully over the past ten years, ten years of solid growth and development to a position of leadership among Canadian universities; joy that he will be with us as a Professor of Classics.

From time to time during 1968-69 we have been concerned at the valiant efforts of our small group of campus radicals to find *some* issue which would enable them to confront the administration, to gain support from the larger group of liberal or moderate students, and thus to achieve the power and notoriety for which they seem to hunger. . . .

Our joy stems from a year of achievement on many fronts. Perhaps the most important was our ability to adjust rapidly to provide facilities for the burgeoning numbers of students, graduate but especially undergraduate, that came to our campus last year. . . .

I wish to speak briefly of some achievements in the field of finance. Certainly, if we were to use the criteria of the business world, we would have to class the past year as a most successful one. Because of the relatively small increase in the government grant per student from 1967-68 to 1968-69, the Board of Governors found it necessary to *budget* for a deficit of over a million dollars in 1968-69, and this despite an increase in student fees of approximately 20 per cent and a severe restriction on the hiring of new staff. But instead of a deficit of over \$1,000,000 we ended the year with a surplus of over \$2,000,000. The primary reason for this happy shift from the red ink into the black was of course the unexpectedly high increase in enrolment, and the sharp increase in revenues which this produced. . . .

But it now appears that that lovely surplus

will be a short-lived one. Despite cost increases which are expected to be in the 8 per cent to 10 per cent range, the Government, on the advice of the Universities Commission, and despite strong objections from the three Universities, has maintained the grant per student for 1969-70 at the 1968-69 level, so that for 1969-70, the Board of Governors was forced to budget a deficit of over \$2,000,000. In total we expect to spend over \$100,000,000 in 1969-70 at this University; it will be an interesting year from a financial point of view. . . .

DR. BONNEAU

At Part III of Convocation, on Thursday, May 29, LOUIS PHILLIPPE BONNEAU, Vice-Rector of Laval University, received an honorary degree.

. . . Whoever has some responsibility in the administration of our universities nowadays is bound to feel on edge when so much dissatisfaction shows itself, sometimes in an ugly manner, on so many campuses. . . .

Our universities in 1969 play a role in the nation which is becoming more and more an integral part of our economic, political and social life. . . . Indeed, in our Canada in 1969, one could add to this description of the university community the facts of the strained life of our nation and of the world and print a very somber picture. This picture cannot appeal to you, young women and young men who are about to become a more integral part of that world. So I repeat my wishes for a *bright* future, and I believe that my wish is not hollow.

Mine is not a hollow wish because youth is the fountainhead of energy and enthusiasm, the main motors of the drive forward that humanity experiences. Theilhard De Chardin in his book *The Human Phenomenon* describes in vivid fashion the march forward that *homo faber* and now *homo sapiens* has started and is experiencing. It is a phenomenon which one can view in retrospect with awe if one takes a large enough time scale. It is the members of humanity in their teens and twenties who supply the main energy and drive for that march forward.

Finally, my wish for a bright future for the generation of 1969 graduates is not hollow because our Canada is one of the countries most of whose history has yet to be lived. The opportunities and challenges await all young Canadians and they only have to make the best of them.

DR. WYMAN

The Report to Convocation, Part IV,

was given by MAX WYMAN, Vice-President, Academic, and President-Designate of the University. Dr. Wyman paid a glowing tribute to Dr. Johns, and discussed the problems now confronting The University of Alberta.

In a review of the highlights of the year's events on our campus, the retirement of Walter Hugh Johns as President of the University must rate as the most important. Among mathematicians, Henri Poincaré is known as the last of the universalists, the last man who could rightly claim to have known all of the mathematics of his day. At this University, Walter Johns will also be known as the last of the universalists, the last man who, at one time, knew every facet of the operations of this University. The dedication this man has shown is a phenomenon we shall not see again. It involved a total commitment, and great personal sacrifice, a price few people are prepared to pay.

During the ten years of his Presidency, the University grew from an institution that had, in 1958-59, about 5,000 full-time students, 400 academic staff, 800 non-academic staff, and an operating budget of about \$6,000,000 to one that had, some ten years later, about 15,000 students, 1,300 academic staff, 2,400 non-academic staff, and an operating budget of about \$45,000,000. During the same period of time, the physical plant grew from about 900,000 square feet to about 3,300,000 square feet. While most of these data increased by a factor of 3, the operating budget increased by a factor of 8. Although due in some measure to erosion by inflation, this discrepancy reflects mainly the transformation of The University of Alberta, in the course of a decade, from an undergraduate college to a true university in which graduate instruction and research began to play a major role. All of this is a legacy Walter Johns is leaving to the people of Alberta. . . .

To this man, the people of Alberta owe a debt which will never be repaid. The best we can do is to tell him today that the world is a better place because of the life a man called Walter Hugh Johns chose to live, and because he accepted and discharged a responsibility which went far beyond the call of duty.

Unrest at this and other universities was brought into sharp focus during the past year. Although, with the exception of the incident at Sir George Williams University, the situation in Canada is not as grave as it is in other countries, one must recognize that a determined attack is being made on universities, and the attack is being made on two fronts. Both from within and without

the university community, serious criticism is being made of the relevance of the curricula being taught, and the teaching-learning situations which now exist in universities. Although these are important criticisms which must be resolved, the solutions being proposed do not violate any of the fundamental principles upon which present university systems are based.

Far more important from an ideological point of view are the attacks on the nature of the research being conducted and the open condemnation of the material being published. At the University of Colorado, for example, a group of students condemned an article on the American Indian, and some students demanded the dismissal of the author of the article involved. If a successful attack is made on academic freedom, whether from within or without the university community, the result will be the same. The development of new ideas will cease and universities will be unable to fulfil a major function as instruments for social and technological change. These attacks must be resisted, because no group, now or in the future, will discover absolute truth, and no group should ever be able to suppress the development of new ideas, no matter how repugnant they may seem, at the time, to be.

It is unfortunate that both those who promote unrest, and those who view it with distaste, seem to have little knowledge of the historical development of university systems. The promoters of unrest might discover that the freedoms we now so readily accept took centuries to win, and that instant Utopias just do not happen. Those who oppose it might discover that dissent, and even rebellion, is not unique to the present generation of students, and that, indeed, both dissent and rebellion have played very real roles in the development of modern universities. Although history should not be used to condone violence, it does give us a chance to understand it. . . .

It is not my intention to attempt to minimize the challenges now being faced by universities. Some of the issues being raised contain valid criticism, and such issues must be satisfactorily resolved. Other issues are false and dangerous and must be resisted. In either case, however, the historical perspective of these situations gives people a better understanding of the nature of dissent, and the way in which excesses can be contained.

Democracy was designed by our fathers in times of peace to serve in times of stress. If we abandon democratic procedures for fascist methods in a so-called attempt to

save democracy, we ourselves will be the ones who reject the validity of the fundamental concepts of democracy. This must not happen. This University, this province, and this country must prove that democracy does work.

SIR JOHN BRUCE

Professor SIR JOHN BRUCE, Regius Professor of Surgery at the University of Edinburgh, was honored at Part IV of Convocation, on Friday, May 30.

I am more moved than I can tell you by the commendation of one for whom, over so many years, I have had so great an admiration and so warm a friendship. To surgeons the world over Dean MacKenzie stands for all that is best in the surgery of this pulsating, virile land. Moreover, he has typified in so many ways the wisdom, the undeviating strength of purpose, the loyalty and the integrity of her sons that has made of Canada a great nation and is destined to make her even greater in the years to be.

I am not conceited enough—though I shall certainly cherish it—to regard the honor you have done me as a personal award. I believe—and hope—it is a recognition of the Scottish influence on Canadian education and in particular on Canadian medicine. I make no claim that this was the prerogative of my own school; but in retrospect, I believe the Edinburgh tradition was pre-eminent. . . .

Today the roots of this institution may not be very deep in the past, but they are healthy and full of sap. Already its reputation stands high in the regard of men of learning and discrimination. You are creating your own tradition: but unlike older institutions, it is not yet a shackle, but a handrail to guide and steady you through the years to come. Your roots, as I say, are not yet very deep: but the inn that shelters for the night is not the end of the journey, and in the words of our greatest Briton, Sir Winston Churchill, "the longer you can look back, the further you can look forward." That you can already look forward to great and splendid achievements is sure and certain. To all who carry from this place the hallmark of your academic approval I want to say God speed and good luck: and to you, Mr. Vice-Chancellor, I say on behalf of all of us who now embrace a new loyalty that the prayer of our hearts is that this University and its medical school continue in strength as one of the great centres of learning and scholarship not only of this continent but of wherever these qualities are held in esteem. It is our hope, that good though yesterday and today have been, the best is yet to be.

DEGREES AND DIPLOMAS AWARDED

During the four days of Spring Convocation, from May 27 through May 30, 2,469 degrees and 231 diplomas were awarded by the faculties and schools. The distribution follows:

FACULTY OF AGRICULTURE

Bachelor of Science in Agriculture	73
Bachelor of Science in Food Science	1

FACULTY OF ARTS

Bachelor of Arts	473
Bachelor of Fine Arts	13
Bachelor of Music	15
Associate Diploma in Music	5

FACULTY OF BUSINESS ADMINISTRATION

Bachelor of Commerce	118
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FACULTY OF DENTISTRY

Doctor of Dental Science	53
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FACULTY OF EDUCATION

Bachelor of Education	466
Bachelor of Education in Industrial Arts	7
Bachelor of Education in Vocational Education	27
Diploma of the Faculty of Education	91

FACULTY OF ENGINEERING

Bachelor of Science in Chemical Engineering	30
Bachelor of Science in Civil Engineering	46
Bachelor of Science in Electrical Engineering	47
Bachelor of Science in Mining Engineering	2
Bachelor of Science in Metallurgical Engineering	2
Bachelor of Science in Mechanical Engineering	39

FACULTY OF GRADUATE STUDIES

Master of Arts	38
Master of Science	75
Master of Education	22
Master of Business Administration	3
Master of Engineering	5
Doctor of Philosophy	48
Master of Music	1

FACULTY OF LAW

Bachelor of Laws	55
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FACULTY OF MEDICINE

Doctor of Medicine	89
Bachelor of Science in Medical Laboratory Science	8

FACULTY OF PHARMACY

Bachelor of Science in Pharmacy	26
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FACULTY OF PHYSICAL EDUCATION

Bachelor of Physical Education	67
Bachelor of Arts in Recreational Administration	13

FACULTY OF SCIENCE

Bachelor of Science	400
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SCHOOL OF DENTAL HYGIENE

Diploma in Dental Hygiene	20
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SCHOOL OF HOUSEHOLD ECONOMICS

Bachelor of Science in Household Economics	72
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SCHOOL OF LIBRARY SCIENCE

Bachelor of Library Science	42
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SCHOOL OF NURSING

Bachelor of Science in Nursing	93
Diploma in Nursing	32
Diploma in Public Health Nursing	34
Diploma in Teaching and Supervision	17

SCHOOL OF REHABILITATION MEDICINE

Diploma in Physical Therapy	21
Diploma in Occupational Therapy	11

CLINICAL SCIENCES BUILDING OPENED

The Clinical Sciences Building, representing Phase I of the new Health Sciences Centre, was officially opened Friday, May 30 at 10 a.m.

Chairman of the opening ceremony was JOHN E. BRADLEY, Chairman of the Board of Governors. The ribbon-cutting was performed by JOHN W. SCOTT, Professor Emeritus of Medicine and former Dean of Medicine. HARRY E. STROM, Premier of Alberta, brought greetings from the province, and WALTER H. JOHNS, President of the University, welcomed guests to the function. The invocation was given by R. K. DOUGAN, Chaplain of the University Hospital.

WALTER C. MACKENZIE, Dean of Medicine, described the history of the Faculty of Medicine and mentioned the importance of the new facilities to the continued success of medicine at the University.

LEO L. GIROUX, Instructor in Surgery, presented a cheque to Dr. Johns from the Class of 1940. The presentation, in memory of J. J. ORR, President of the Class of 1940,

is a contribution toward the establishment of a reading room in the new building.

When completed, the Health Sciences Centre will be one of the most advanced medical complexes in the world. It will merge all aspects of health care, including hospital research laboratories and rehabilitative and public health service, and will incorporate the University Hospital.

Much of the space in the Clinical Sciences Building is given over to teaching facilities, interview areas, and examining and seminar rooms, all designed to meet the special needs of undergraduate instruction in the clinical subjects of medicine, surgery, paediatrics, psychiatry, and obstetrics and gynaecology. Special facilities are also provided for the teaching of laboratory medicine and cardiology.

Space is available for other programs in the Faculty of Medicine, including medical laboratory sciences, health services administration, graduate training, and continuing medical education. Research facilities include laboratories for the study of cardio-vascular and neuromuscular diseases, shock, glaucoma and blindness, gastroenterology, hematology, biomedical engineering, and the applications of computers to medicine.

The building will house the R. S. McLaughlin Examination and Research Centre, established through a \$250,000 grant from the McLaughlin Foundation to the Royal College of Physicians and Surgeons of Canada.

NEW DEPARTMENT APPROVED

At its meeting on May 2, the Board of Governors approved the formation of a Department of Comparative Literature. MILAN V. DIMIC, Associate Professor of German, is Chairman of the new department.

Studies in comparative literature began formally at the University in 1962 under the direction of an interdepartmental committee. Courses were taught by lecturers from several departments including Romance, German, and Slavonic languages, English, and Classics. Until 1969, when the University of Toronto announced plans to offer a doctorate in the field, The University of Alberta was the only university in Canada offering such a program. Masters programs are offered in four other Canadian schools. Students have been attracted to the program from other Canadian provinces, the United States, Britain, and continental Europe. About twenty graduate students will be enrolled in the fall of 1969.

The new department will publish a newsletter designed to serve the Canadian Comparative Literature Association and to

inform its members and other interested teachers and scholars of Canadian university programs, research, and professional meetings. The newsletter, to be called "Comparative Literature in Canada," will be published twice yearly, and edited by Dr. Dimic, EDWARD D. BLODGETT, Assistant Professor of English and Romance Languages, and PAUL A. ROBBERECHT, Assistant Professor of Romance Languages. It will be published in English and French and will receive contributions from all Canadian universities.

Immediately after the Board of Governors' announcement of the formation of the new department, the International Comparative Literature Association announced the appointment of the department as a participant in a massive study of comparative history. Other participants will include departments from leading universities all over the world.

NEW PROGRAM OFFERED

The Faculty of Pharmacy will offer a Master's Degree in Hospital Pharmacy, beginning next September. The two-year program, leading to a professional degree as distinct from a research degree, is the first of its type in Canada.

The new program, to be directed by JOHN N. HLYNKA, Assistant Professor of Pharmacy, will combine academic and clinical experience. Students with an undergraduate degree in Pharmacy will undertake course work and a thesis along with residency training. Much of the residency will be served at the University's new Health Sciences Centre.

Dr. Hlynka received his B.Sc. in 1959. He took his M.Sc. at the Philadelphia College of Pharmacy and Science and served his residency at Jefferson Medical College Hospital in Philadelphia before returning to The University of Alberta, where he completed his Ph.D. in 1967.

CONVENTION HELD HERE

Several of North America's most outstanding psychologists, educational psychologists, and psychotherapists were among the guest speakers at the third national convention of the Canadian Guidance and Counselling Association, held on The University of Alberta campus June 2, 3, and 4. Chairman of the convention, organized around the theme "The Emerging Counsellor in Canada," was JOHN G. PATERSON, Associate Professor of Educational Psychology.

The highlight of the convention was a public session with ALBERT ELLIS, well-known sexologist from New York City, who spoke

on "The Art of Giving Counsel." A prominent author and leader in the field of counselling, Dr. Ellis has been in practice 25 years as a psychotherapist and marriage and family counsellor. He has written or edited 25 books and published more than 250 journal articles. At present, he is Executive Director of the Institute for Advanced Study in Rational Psychotherapy in New York.

Other speakers included HENRY BOROW, Professor of Psychological Studies at the University of Minnesota; VINCENT R. D'OYLEY, Professor and Chairman of the Department of Measurement and Evaluation at the Ontario Institute for Studies in Education; ANDRE LACOMBE, Co-ordinator of Guidance and Counselling Services for the Quebec Department of Education; J. ROBERTSON UNWIN, Director of Adolescent Services for the Allan Memorial Institute of Psychiatry, Royal Victoria Hospital, Montreal; MAURICE FREEHILL, Professor of Educational Psychology at the University of Washington; CHARLES TRUAX of the University of Arkansas; and GEORGE GAZDA of the University of Georgia.

In addition to the regular conference, delegates travelled by special train to Jasper, where conference discussions were continued informally.

BUILDINGS APPROVED

The Capital Development Committee of the Provincial Government, acting on the recommendation of the Universities Commission, has approved the detailed proposals for Basic Medical Sciences I and the Law Centre.

Floor plans and information about Basic Medical Sciences I was given in FOLIO for February 20. Similar information about the Law Centre appeared in FOLIO, March 13.

PEOPLE

ERNEST D. HODGSON, Professor of Educational Administration, was for the third consecutive year Director of the Short Course sponsored by the Canadian Education Association at Banff from May 19 to 30. This was the seventeenth annual Short Course for Canadian School Superintendents and other senior administrators. The late ARTHUR W. REEVES was Director in 1957 and from 1960 to 1962, and HARRY T. SPARBY, Professor of Educational Administration, was Director from 1963 to 1966.

JOHN J. BERGEN, Associate Professor of Educational Administration, was a co-ordinator of a group discussing the principalship at the C.E.A. Short Course. His fellow co-ordinator was WERNER SCHMIDT, Executive

Director of the Alberta School Trustees' Association.

HARRY GARFINKLE, Associate Professor of the Sociology of Education, ANTHONY D. FISHER, Assistant Professor of Anthropology and the Sociology of Education, and BRIGHAM Y. CARD, Professor of the Sociology of Education, attended the "Consultation on the Canadian Plains," sponsored by the University of Saskatchewan in Regina and the Western Association of Sociology and Anthropology on May 1, 2, and 3 in Regina. Dr. Fisher presented a paper on research in anthropology in Western Canada. Dr. Card's paper was on the development of sociology and sociological research in the Prairie Provinces.

JAY K. BISHOP, Associate Professor of Educational Psychology and Elementary Education, addressed the Drayton Valley Kindergarten Association at its annual meeting on May 21.

LESLIE R. GUE, Associate Professor of Educational Administration, acted as a member of a panel on "Developments in Teacher Education" at the annual meeting of the Canadian Association for Indian and Eskimo Education in Ottawa from May 28 to 30.

Mr. Gue described the Intercultural Education Program of The University of Alberta.

ROBERT M. HARDY, Dean of Engineering, has been awarded the Centennial Award of the Council of the Association of Professional Engineers of Alberta for 1969. The Award, established in 1969, is given to "a member who has attained unusual distinction in the arts relating to the sciences of engineering, geology or geophysics; in the teaching of major courses in these fields; or who by reason of invention, research, original work, or as an executive on projects of unusual or important scope, has made substantial contributions to the foregoing fields; and has been in good standing as a member of the Association for a period of at least five years prior to the date of his nomination for the award."

HOWARD R. KROUSE, Associate Professor of Physics, will spend five weeks during June and July in the Soviet Union, as a visiting scientist on an exchange arranged by the National Research Council of Canada and the Soviet Academy of Sciences. He will visit stable isotope research institutes in Moscow and Leningrad and lecture on his research program at The University of Alberta.

ROBERT B. WILBERG, Assistant Professor of Physical Education, reports that two doctoral students in the Faculty of Physical Education have received awards. EDMUND WELLAND has been awarded a Province of Alberta Graduate Scholarship for \$3,600, and JAMES

MC CLEMENTS has been awarded the Izaak Walton Killam Memorial Fellowship of \$4,500.

CHARLES DAVIS, Professor of Religious Studies, made a coast-to-coast lecture tour of the United States during May, speaking in six cities. The lectures, sponsored by the National Association of Laymen, were on the subject "The Christian Struggle for Radical Change." In September, Mr. Davis will attend a Conference on Worship in a Secular World, organized by the World Council of Churches and held in Geneva. He will present a paper on "Outdated and Modern Ways of Worship."

WAYNE TINGA, Research Associate in the Department of Electrical Engineering, was elected President of the International Microwave Power Institute at the International Microwave Symposium held on the campus May 21-23. Mr. Tinga succeeds W. A. G. VOSS, Professor of Electrical Engineering.

The Department of Anthropology has produced Volume X, Number 2, 1968, of the journal *Anthropologica*, published by the Canadian Research Centre for Anthropology. Edited by CHARLES S. BRANT, Professor and Chairman of Anthropology, the volume contains articles by various staff members of the department reflecting current research activities and a number of book reviews.

Two members of the School of Library Science addressed library groups in other provinces recently. On May 9, JOHN G. WRIGHT, Associate Professor of Library Science, spoke to the Brandon District Teachers Regional Library In-Service at Brandon, Manitoba, on "The Resource Center Concept—Some Second Thoughts." On May 26, FREDERICK G. HUTCHINGS, Visiting Professor of Library Science, addressed the Saskatchewan Library Association's 1969 Conference in Saskatoon on "The Impact of William Morris (maker of fine books and clever forgeries)."

At the convention of the Canadian Polish Congress in Alberta, held in Edmonton on May 3 and 4, C. M. RODKIEWICZ, Associate Professor of Electrical Engineering, was elected President of the Congress. There are about 45,000 Canadians of Polish origin residing in Alberta.

The Canadian Polish Congress in Alberta is the integral part of the Canadian Polish Congress in Canada. The earliest recorded Polish settler in Canada was Captain Carol Blaszkowicz, who arrived with General James Wolfe in 1759. Today, approximately 400,000 people of Polish origin participate in all walks of Canadian life. The Canadian Polish Congress in Canada parallels similar organizations in the United States, which has over 10,000,000 citizens of Polish origin.

WORLD-FAMOUS SCIENTISTS TO SPEAK

Three prominent scientists will be in Edmonton on June 11 to address a symposium sponsored by the Canadian Biochemical Society. The symposium is part of the Twelfth Annual Canadian Federation of Biological Societies Convention, to be held on the campus on June 11, 12, and 13.

The three scientists—A. C. T. NORTH of Oxford University, WILLIAM LIPSCOMB of Harvard University, and ROBERT LANGRIDGE of Princeton University—are leaders in the application of X-ray crystallography as an analytical tool in the study of the structure of molecules of biological origin.

Approximately 1,500 scientists from Canada, the United States, and Europe are expected to attend what will probably be one of the largest conventions to be held in Edmonton this year. Registration will be held June 10, when the Federation Board of Directors and the Councils of the seven biological societies participating in the conference will meet. In addition to the Canadian Biochemical Society, the convention will include the Canadian Physiological Society, the Pharmacological Society of Canada, the Canadian Association of Anatomists, the Nutrition Society of Canada, the Canadian Society for Cell Biology, and the Canadian Society for Immunology. On the afternoon of June 12, the seven groups will combine for the Federation Symposium.

LIBRARY RECEIVES GRANT

The Canada Council has awarded the University Library \$67,000. A total of \$1,000,000 in grants was awarded to 34 Canadian universities and similar institutions to build up their research library collections in the social sciences and humanities. Priority was given to collections needed for advanced research, including graduate studies.

Other grants over \$50,000 include \$50,000 to McMaster University for the purchase of the papers and library of BERTRAND RUSSELL, the final payment on a grant totalling \$150,000; \$55,000 to Laval University; \$60,000 to the University of Montreal; \$55,000 to McGill University; \$89,000 to the University of Toronto; and \$70,000 to the University of British Columbia.

The Council pointed out that it is able to play only a limited role in meeting the total needs of university libraries in Canada. A Council-supported survey conducted by the Association of Universities and Colleges of Canada recommended that present university collections be at least doubled. The survey estimated that it would cost

\$100,000,000 for new acquisitions and \$300,000,000 to house and staff the expanded collections.

COLLOQUIA AND SEMINARS

Department	Date	Speaker
Mathematics	May 26	E. J. Scott University of Illinois
Mathematics	May 27	Charles Dolph University of Michigan
Mathematics	May 30	Charles J. Mozzochi Trinity College Hartford, Connecticut
Computing Science	June 2	P. J. Claringbold Commonwealth Scientific and Industrial Research Organization Epping, Australia

BOOKS

CHARLES S. BRANT, Professor and Chairman of Anthropology, has published a book, *Jim Whitewolf: The Life of a Kiowa Apache Indian* (New York, Dover Publications, 1969).

VISITORS

The School of Nursing entertained three visitors during May.

On May 13, LORETTA FORD, Professor of Public Health Nursing at the University of Colorado, visited the School. Dr. Ford, who is conducting research at the University of Colorado on the expanded role of the nurse in paediatrics, spoke at the paediatric Ward Rounds and the Annual Meeting of the Alberta Association of Registered Nurses on the progress of the research.

MARGARET F. MYLES, a world authority in the field of midwifery, conducted a workshop for graduates of the Advanced Practical Obstetrics program on May 20 and 21.

MARGARET BAZLEY, Matron of the Sunnyside Psychiatric Hospital at Christchurch, New Zealand, visited the School during the last

week in May. Travelling on a British Commonwealth Nurses' War Memorial Fund Scholarship, she is visiting facilities in Canada and Scotland for the care of the mentally ill and emotionally disturbed. Mrs. Bazley has also visited educational facilities for preparation in psychiatric nursing.

NOTICES

FOREIGN STUDENT ORIENTATION

Under the direction of the office of the Foreign Student Adviser, an Orientation Program for all incoming foreign students will be conducted from September 2 to 6. This program is designed to aid foreign students in adjusting quickly to life at the University and in the community. It consists of talks and films on Canadian customs, laws, and clothing requirements; tours of the University, the city, and the Alberta Game Farm; and a social program including a corn roast, a picnic, and a dance.

Departments and faculty members are asked to ensure that all incoming foreign students are made aware of the program and instructed to be in Edmonton in time to participate in it. Full details may be obtained from the office of the Foreign Student Adviser, Major R. C. W. HOOPER, local 3483 or 4145.

COMPUTER SEMINARS

Seminars in MPS, MATLAN, GPSS, and CSMP will be given by LLOYD PARKER, Advisory Systems Engineer from IBM. The seminars are scheduled for June 10 and 11, from 9 a.m. to 4 p.m. One morning or afternoon will be spent on each topic in the order listed below:

MPS—Mathematical Programming System
MATLAN—MATrix LAnguage
GPSS—General Purpose Simulation System
CSMP—Continuous System Modelling Program.

The seminars will be held in General Services Building, Room 669.

PERSONAL NOTICES

Staff members may forward notices to reach the Editor by 9 a.m. the Friday prior to publication. They must be typed, and not exceed 35 words including heading. Advertisements received will be published at the Editor's discretion.

FOR SALE—Four-bedroom house near the University. Two baths. Double garage. Drapes and all major appliances (garberator, dishwasher, washer and dryer, etc.) included. 11728 - 83 Avenue. \$37,000. Call 433-7739 for appointment.

FOR SALE—Three-bedroom house near the University. Finished basement with bedroom. 2½ baths. Available September 1. \$14,000 cash to 7% mortgage. \$125 per month. 439-6140 evenings.

FOR SALE—Four-bedroom split-level house in Lendrum Place. Family room. Two baths. Fireplace. \$33,900. Possession July 1. Local 4658, or 434-5736.

FOR RENT—Furnished three-bedroom house. Rumpus room. Washer and dryer. 5524 - 113 St. Available from June 21 to August 20. 434-3927.

FOR RENT—Furnished three-bedroom house close to the University. Two bathrooms. Finished basement with rumpus room and two extra rooms. Double garage. Dishwasher, washer, and dryer. Available from June 24, 1969 to August 31, 1970. Local 3561, or 439-0791.

FOR RENT—Three-bedroom unfurnished house near campus. Fireplace. Just off two parks. Trees. Available immediately. \$195 per month. 433-4680, or R. Fuchs, 429-4361.

FOR RENT—Furnished three-bedroom house in Wind Park. Den. Garage. Landscaped yard with trees. Available May to September 15. 422-5614.

WANTED TO RENT—Four- or five-bedroom house, preferably unfurnished, close to University. Needed by July 1. Ken at local 4991, or 439-4213, evenings.

WANTED TO RENT—Two- or three-bedroom unfurnished house near the campus. G. Vaughan, local 4444, or 439-1837.

WANTED TO RENT—Four- or five-bedroom house, unfurnished, preferably in Windsor Park or vicinity. \$300-\$350 per month. Needed by September 1. Local 3307.

FOR SALE—1966 Volvo 122S. Black. Four-door saloon. Local 3508, or 439-8474.

FOR SALE—1962 Strato-Chief Pontiac sedan in excellent condition. New tires. 489-4171.

FOR SALE—1967 Buick Special sedan. Power steering and power brakes. 20,000 miles. Excellent condition. Available August 1. Local 4549, or 488-8563.

FOLIO
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